

**NOTICE OF PUBLIC COMMENT FOR BACTERIA TOTAL MAXIMUM DAILY LOAD  
MATTOX CREEK**

**ISSUED: MARCH 1, 2010**

**COMMENT PERIOD ENDS: MARCH 30, 2010**

**Notice is hereby given that the Virginia Department of Environmental Quality (DEQ) seeks comment on the proposed modifications to the bacteria Total Maximum Daily Load (TMDL) developed for Mattox Creek in King George and Westmoreland Counties.**

The Mattox Creek TMDL was developed to address bacterial impairments in portions of the free-flowing and tidal segments of Mattox Creek. The TMDL was approved by the Environmental Protection Agency (EPA) on 8/2/06 and can be found at the following website:

<http://www.deq.virginia.gov/tmdl/apptmdls/potrvt/mattox.pdf>

The Virginia Department of Environmental Quality (VDEQ) seeks written comments from interested persons on the modification of this TMDL. In the Mattox Creek Bacteria TMDL approved by the U.S. EPA and the Virginia State Water Control Board in 2006, these changes are necessary for the following permitted dischargers:

- The Washington District Elementary School (VA0082058) is a VPDES minor municipal plant in Montross, VA. The facility, which discharges to the free-flowing segment, was assigned a waste load allocation (WLA) of 2.2E+06 cfu/year, based on the available Discharge Monitoring Report (DMR) records at the time of issuance. The TMDL included a WLA 5x expansion factor for permitted facilities. DEQ proposes to revise the TMDL by increasing the bacteria WLA to 1.06E+10 cfu/year to accommodate this facility at a maximum design flow of 0.006 MGD at an *E. coli* concentration of 126 N/100mL. This change will also increase the WLA 5x expansion factor from 1.1E+07 to 5.3E+10 (for the free-flowing recreation impairment).
- The Washington District Elementary School (VA0082058) was not originally assigned WLAs for the downstream tidal impairments in the TMDL report. The TMDL included a WLA 5x expansion factor for permitted facilities. DEQ proposes to revise the TMDL by assigning a bacteria WLA of 2.93E+09 cfu/year to accommodate this facility at a maximum design flow of 0.006 MGD and assign a WLA 5x expansion factor of 1.47E+10 cfu/year at an *Enterococci* concentration of 35 N/100mL (for the tidal recreation impairment). DEQ also proposes to revise the TMDL by assigning a bacteria WLA of 1.17E+09 cfu/year to accommodate this facility at maximum design flow of 0.006 MGD and assign a WLA 5x expansion factor of 5.85E+09 at a fecal coliform concentration of 14 N/100mL (for the shellfish impairment).
- The Outdoor World Harborview facility (VA0089087) is a VPDES minor municipal plant in Oak Grove, VA. The facility, which discharges to the tidal segment, was assigned a WLA of 1.7E+05 cfu/year, based on the long term average flow of the facility. The TMDL included a WLA 5x expansion factor for permitted facilities. DEQ proposes to revise the TMDL by

increasing the bacteria WLA to 9.78E+09 cfu/year to accommodate this facility at a maximum design flow of 0.02 MGD. This change would also increase the WLA 5x expansion factor from 8.5E+05 to 4.89E+10 cfu/year at an *Enterococci* concentration of 35 N/100mL (for the tidal recreation impairment).

- The Outdoor World Harborview facility (VA0089087) was also assigned a WLA of 3.0E+05 cfu/year based on the long term average flow of the facility. The TMDL included a WLA 5x expansion factor for permitted facilities. DEQ proposes to revise the TMDL by increasing the bacteria WLA to 3.91E+09 cfu/year to accommodate this facility at a maximum design flow of 0.02 MGD. This change would also increase the WLA 5x expansion factor from 1.5E+06 to 1.96E+10 cfu/year at a fecal coliform concentration of 14 N/100mL (for the shellfish impairment).

The proposed changes above will neither cause nor contribute to the non-attainment of Mattox Creek, as documented in the EPA approved TMDL report.

The public comment period for this modification will end on March 30, 2010. Written comments should include the name, address, and telephone number of the person submitting the comments and should be sent to Margaret Smigo, Piedmont Regional Office, Department of Environmental Quality, 4949-A Cox Road, Glen Allen, VA 23060, (804)527-5124, or email

[Margaret.Smigo@deq.virginia.gov](mailto:Margaret.Smigo@deq.virginia.gov).